Mountain Weather Forecast

Lake District National Park

Forecast valid from 06:00 on Thursday 09 Feb 2023 until 23:59 on Friday 10 Feb 2023

Forecast Issued on Thursday 09 Feb 2023 at 02:02

Confidence: High confidence that the weather will be quite settled over the coming days with high pressure over southern United Kingdom but uncertainties lie in cloud amounts and where there will be cloud breaks, also low confidence in the amount of mist and fog that will develop each night.

Headline for Thursday 09 Feb 2023: Dry and bright morning, increasingly cloudy later.

Mountain weather hazards on Thursday 09 Feb 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Medium Likelihood	**Poor visibility** No Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 800m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Sunny	Sunny intervals	Cloudy	Cloudy	Cloudy	Cloudy
Precipitation probability					
<05%	<05%	<05%	<05%	10%	10%

Forecast for Thursday 09 Feb 2023

Weather: A lot of clear weather through the early morning. A bright and sunny morning for most but cloud increasing from the west and cloud lowering over the higher summits later. Perhaps some mist and fog patches developing through the evening.

Chance of cloud-free hill tops above 800m: 90% falling to 70%, cloud lowering over the higher summits later in the day.

Low cloud and visibility: A bright morning with excellent visibility and very little cloud below summit level, cloud will thicken and lower during the afternoon with some of the higher summits shrouded by mid-afternoon, scattered cloud tending to form around 700m and above. Visibility will turn hazier but still moderate or good later in the day.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Thursday 09 Feb 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	30/34 W	29/35 W	29/36 W	25/32 W	22/27 W	19/24 SW	22/28 SW
600	22/31 W	23/32 W	24/33 W	21/29 W	18/25 W	17/25 SW	19/27 SW
300	6/26 W	9/27 W	12/28 W	11/25 W	7/22 W	7/19 W	8/22 W
Valley	3/18 W	7/22 W	12/26 W	11/24 W	6/18 W	7/18 W	9/21 W

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	-2/-10	-2/-10	-1/-9	-1/-8	-1/-8	-1/-7	-1/-8
600	0/-6	0/-6	1/-6	2/-5	1/-4	1/-4	1/-5
300	2/-1	3/-1	4/0	4/1	4/0	3/1	3/0
Valley	4/2	5/3	6/3	6/3	6/4	6/4	6/3
Freezing Level*	500m	600m	700m	800m	800m	800m	800m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Fresh or strong westerly winds continuing through the day and feeling quite fresh in the cool westerly airstream. Note freezing level gradually recovering towards the summits later in the day.

Forecast for Friday 10 Feb 2023

Weather: Cloudy with some mist, rain and drizzle, rain heavy for a time in the west. Rain and drizzle dying out in the evening.

Maximum wind: Southwesterly 20-25mph gusts 30-35mph.

Chance of cloud-free hill tops above 800m: 40% falling to 20%, low cloud in association with light rain and drizzle.

Low cloud and visibility: Broken or extensive layers of low cloud above 400m are expected throughout the day, perhaps lifting and thinning during the evening, best chance of clearer periods towards the northeastern fells. Visibility will be quite hazy beneath the cloud in dry periods but turning poor or very poor in mist and drizzle.

Temperature: **Valleys:** Plus 4 rising to 8 Celsius.
At 800m: Plus 1 Celsius rising to 3 Celsius.
Freezing level: 800m rising above all summits.

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Mountain Weather Forecast

Ground Conditions Supplement

Date: Wednesday 8 February 2023. Location: Helvellyn summit at 13:10. Full report: A dry and windy day with sunny spells, although cloud shrouded many of the higher tops for much of the day. The Lakeland fells remain almost entirely snow free apart from some older patches that can be found around north and east-facing corrie rims and gully exits above roughly 900m. Some old slumping cornices are also present in these locations. The exits to both Striding and Swirral edges hold patches of snow, although, with careful route choice, they can be passed without setting foot on it. It's worth noting that although there is very little snow around at present, what remains was hard and icy today, and with freezing temperatures forecast tomorrow it will remain this way.

Despite the fells not looking particularly wintery, it was just below freezing today on the top of Helvellyn and the windchill (feels-like) temperature was around -10ºC. Anyone stood still even for short amounts of time would get very cold very quickly. Full winter clothing (warm and waterproof) including hats and gloves and equipment including a headtorch, map, and compass are all essential for anyone venturing into the higher fells tomorrow. Temperature: minus 0.5 C, Maximum wind speed 32.7 mph, Wind chill: minus 10.4 C, Average wind speed: 19.6 mph

Issued at: 02:02 on Thu 09 Feb 2023

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